

Title (en)
Numerical control device

Title (de)
Numerisch gesteuertes Gerät

Title (fr)
Appareil à commande numérique

Publication
EP 0949856 A2 19991013 (EN)

Application
EP 99302775 A 19990409

Priority
JP 11436998 A 19980410

Abstract (en)
A numerical control device comprises a box structure, a board unit housed inside the box structure, a wire distribution board disposed on the rear surface of the box structure, and a fan unit detachably mounted to the top surface of the box structure. The fan unit has a fan motor inside. A first connector wired from a power supply terminal is secured to the box structure while a second connector wired from a fan motor is secured to the fan unit at a position opposite the first connector secured to the box structure. Thus, the second connector can be connected to and removed from the first connector. <IMAGE>

IPC 1-7
H05K 7/14

IPC 8 full level
H05K 7/14 (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP US)
H05K 7/1454 (2013.01 - EP US); **H05K 7/20581** (2013.01 - EP US)

Cited by
EP1793289A1; EP1180923A1; US7769489B2; US8599555B2

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 0949856 A2 19991013; **EP 0949856 A3 20000426**; US 6152819 A 20001128

DOCDB simple family (application)
EP 99302775 A 19990409; US 28869799 A 19990409